

# AD-A250 114



WRDC-TR-90-8007  
Volume III  
Part 10



INTEGRATED INFORMATION SUPPORT SYSTEM (IISS)  
Volume III - Configuration Management  
Part 10 - System Software Document

M. Foster

Control Data Corporation  
Integration Technology Services  
2970 Presidential Drive  
Fairborn, OH 45324-6209

September 1990

DTIC  
ELECTE  
MAY 07 1992  
S D D

Final Report for Period 1 April 1987 - 31 December 1990

Approved for Public Release; Distribution is Unlimited

MANUFACTURING TECHNOLOGY DIRECTORATE  
WRIGHT RESEARCH AND DEVELOPMENT CENTER  
AIR FORCE SYSTEMS COMMAND  
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433-6533

## 92-12090



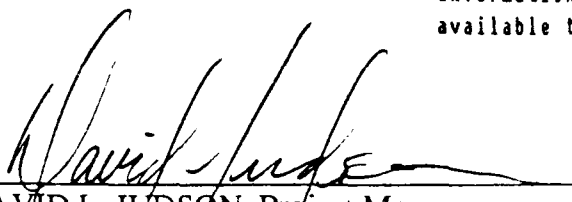
92 0 04 116

## NOTICE

When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever, regardless whether or not the government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data. It should not, therefore, be construed or implied by any person, persons, or organization that the Government is licensing or conveying any rights or permission to manufacture, use, or market any patented invention that may in any way be related thereto.

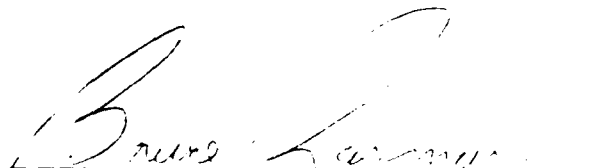
This technical report has been reviewed and is approved for publication.

This report is releasable to the National Technical Information Service (NTIS). At NTIS, it will be available to the general public, including foreign nations

  
DAVID L. JUDSON, Project Manager  
WRDC/MTI  
Wright-Patterson AFB, OH 45433-6533

25 July 91  
DATE

FOR THE COMMANDER:

  
BRUCE A. RASMUSSEN, Chief  
WRDC/MTI  
Wright-Patterson AFB, OH 45433-6533

25 July 91  
DATE

If your address has changed, if you wish to be removed from our mailing list, or if the addressee is no longer employed by your organization please notify WRDC/MTI, Wright-Patterson Air Force Base, OH 45433-6533 to help us maintain a current mailing list.

Copies of this report should not be returned unless return is required by security considerations, contractual obligations, or notice on a specific document.

Unclassified

## SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE				
1a. REPORT SECURITY CLASSIFICATION Unclassified			1b. RESTRICTIVE MARKINGS	
2a. SECURITY CLASSIFICATION AUTHORITY			3. DISTRIBUTION/AVAILABILITY OF REPORT  Approved for Public Release; Distribution is Unlimited.	
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE				
4. PERFORMING ORGANIZATION REPORT NUMBER(S) SUM620324000			5. MONITORING ORGANIZATION REPORT NUMBER(S) WRDC-TR-90-8007 Vol. III, Part 10	
6a. NAME OF PERFORMING ORGANIZATION Control Data Corporation; Integration Technology Services		6b. OFFICE SYMBOL (if applicable)	7a. NAME OF MONITORING ORGANIZATION WRDC/MTI	
6c. ADDRESS (City, State, and ZIP Code) 2970 Presidential Drive Fairborn, OH 45324-6209			7b. ADDRESS (City, State, and ZIP Code)  WPAFB, OH 45433-6533	
8a. NAME OF FUNDING/SPONSORING ORGANIZATION Wright Research and Development Center, Air Force Systems Command, USAF		8b. OFFICE SYMBOL (if applicable)  WRDC/MTI	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUM.  F33600-87-C-0464	
8c. ADDRESS (City, State, and ZIP Code) Wright-Patterson AFB, Ohio 45433-6533			10. SOURCE OF FUNDING NOS.	
11. TITLE (Include Security Classification) See Block 19			PROGRAM ELEMENT NO.  78011F	PROJECT NO.  595600
			TASK NO.  F95600	WORK UNIT NO.  20950607
12. PERSONAL AUTHOR(S) Control Data Corporation: Foster, M.				
13a. TYPE OF REPORT Final Report		13b. TIME COVERED 4/1/87-12/31/90	14. DATE OF REPORT (Yr., Mo., Day) 1990 September 30	
15. PAGE COUNT 5				
16. SUPPLEMENTARY NOTATION  WRDC/MTI Project Priority 6203				
17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify block no.)	
FIELD	GROUP	SUB GR.		
1308	0905			
19. ABSTRACT (Continue on reverse if necessary and identify block number)  This manual contains lists of the computer software currently available on the U.S. Air Force VAX testbed computer.   Block 11 - INTEGRATED INFORMATION SUPPORT SYSTEM (IISS) Vol III - Configuration Management Part 10 - System Software Document				
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT  UNCLASSIFIED/UNLIMITED x SAME AS RPT. DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION  Unclassified	
22a. NAME OF RESPONSIBLE INDIVIDUAL  David L. Judson			22b. TELEPHONE NO. (Include Area Code) (513) 255-7371	22c. OFFICE SYMBOL  WRDC/MTI

DD FORM 1473, 83 APR

EDITION OF 1 JAN 73 IS OBSOLETE

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

### FOREWORD

This technical report covers work performed under Air Force Contract F33600-87-C-0464, DAPro Project. This contract is sponsored by the Manufacturing Technology Directorate, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio. It was administered under the technical direction of Mr. Bruce A. Rasmussen, Branch Chief, Integration Technology Division, Manufacturing Technology Directorate, through Mr. David L. Judson, Project Manager. The Prime Contractor was Integration Technology Services, Software Programs Division, of the Control Data Corporation, Dayton, Ohio, under the direction of Mr. W. A. Osborne. The DAPro Project Manager for Control Data Corporation was Mr. Jimmy P. Maxwell.

The DAPro project was created to continue the development, test, and demonstration of the Integrated Information Support System (IISS). The IISS technology work comprises enhancements to IISS software and the establishment and operation of IISS test bed hardware and communications for developers and users.

The following list names the Control Data Corporation subcontractors and their contributing activities:

<u>SUBCONTRACTOR</u>	<u>ROLE</u>
Control Data Corporation	Responsible for the overall Common Data Model design development and implementation, IISS integration and test, and technology transfer of IISS.
D. Appleton Company	Responsible for providing software information services for the Common Data Model and IDEF1X integration methodology.
ONTEK	Responsible for defining and testing a representative integrated system base in Artificial Intelligence techniques to establish fitness for use.
Simpact Corporation	Responsible for Communication development.
Structural Dynamics Research Corporation	Responsible for User Interfaces, Virtual Terminal Interface, and Network Transaction Manager design, development, implementation, and support.
Arizona State University	Responsible for test bed operations and support.

TABLE OF CONTENTS

	<u>Page</u>
SECTION 1      SYSTEM SOFTWARE.....	1-1

SECTION 1  
SYSTEM SOFTWARE

Listed below is the computer software currently available on the AF VAX test bed computer.

<u>Software</u>	<u>Version</u>
VAX VMS	5.2
VAX C	3.0
VAX FORTRAN	5.3
VAX COBOL	4.2
IS Workbench	6.0
ORACLE	5.1.17 5.1.22 6.0.26
INGRES	5.0 6.3
SPM	3.2
VAX Datatrieve	4.2
VAX DBMS	4.0
VAX CDD	4.1
VAX FMS	2.4
DECDX/VMS	1.2
WPS-PLUS/VMS	3.0
VAX 27/3780 PE	1.7
Ideas	4.0
DMCS	5.1

Accession For	
NTIS	CRA&I
DTIC	TAB
Unannounced	
Justification	
By	
Distribution /	
Availability / Class	
Dist	Availability / Class
A-1	

